

Sanga, Ravi

From: Williams, Jacob A NWS <Jacob.A.Williams@usace.army.mil>
Sent: Wednesday, February 10, 2016 2:12 PM
To: Sanga, Ravi
Cc: Kerns, Kristen NWS
Subject: 2/10/16 Jorgensen Recon Oversight (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Hi Ravi,

I arrived at Jorgensen today around noon and provided oversight for approximately the one hour of recon that took place. On site was myself, Miles (JF), Will (Boeing), Paul and Wayne (JF).

I would say overall the material in the sockets of the SSP was not as coarse, rough and hard to navigate through as expected. For the most part, a 6 or 10 foot probing rod was driven into the ground right at the seam of the SSP socket and 6 inches offset from the seam, and the penetration depth was measured, and it varied from approximately 3-4 feet for each socket. It seemed as once the rod was initial driven past the ground, the soil below seemed like native sediment and relatively fine sand. More specific notes below for our records:

Starting at the most north socket of the SSP and progressively working south. Each offset is towards the west (the waterway).

Socket 1:

Description: mostly loose rocks approx. 3 inches in diameter. No large pieces of rip rap. Slight resistance while driving probe into ground.

Penetration at seam: 3' 3";

3 in. offset: 3' 5" penetration (only time 3 in. offset happened)

6 in. offset: 4' penetration

Socket 2:

Description: Similar description as socket 1. Similar resistance while driving the probe in.

Penetration at seam: 4'

6 in. offset: 4'. Rip-rap was hit at 2 ft. of penetration

Socket 3:
Description: Had to move large pieces of rip-rap in the socket to get into positioning.

Penetration at seam: 3' 6"

6 in. offset: 4'5" NOTE: Extremely little resistance while driving probe into ground at this location

Socket 4:
Description: Moved large pieces of rip-rap from the socket. Similar resistances as sockets 1 & 2

Penetration at seam: 3'

Adjacent to seam: 4'

6 inch offset from seam: 3'5"

Socket 5:

Description: No rip rap had to be moved from this socket. Similar resistance as sockets 1,2 & 4.

Penetration at seam: 4'

6 in. offset: 3'7.5"

Socket 6:

Description: Rip-rap moved from socket. Similar resistance as all others except for socket 3.

Penetration at seam: 4'

6 in. offset: 4'

Socket 7:

Description: Same as socket 6.

Penetration at seam: 3'8"

6 in. offset: 4'

Thanks,

Jake.

CLASSIFICATION: UNCLASSIFIED